

comprises a nucleic acid.

3. (Amended) The compound according to claim 2, wherein said compound comprises DNA.

4. (Amended) The compound according to claim 2, wherein said compound comprises RNA.

5. (Amended) The compound according to claim 2 wherein said compound contains at least a portion of the coding region of a member of the CD83 family of proteins or a derivative thereof.

6. (Amended) The compound according to claim 2 wherein said compound contains from nucleotide 466 to 618 of the sequence in SEQ ID NO:1 or a derivative thereof.

7. (Amended) The compound according to claim 2 wherein said compound contains from nucleotide 466 to 615 of the sequence in SEQ ID NO:1 or a derivative thereof.

8. (Amended) The compound according to claim 2 wherein said compound contains a nucleic acid having a secondary structure comprising a 3-pronged stem-loop structure with an energy of -28.4 kcal/mol or less.

9. (Amended) The compound according to claim 2 wherein said compound is a nucleic acid that comprises regulatory sequences that lead to the transcription of an RNA molecule from said nucleic acid in a cell.

10. (Amended) The compound according to claim 2 wherein said compound is a nucleic acid that does not contain regulatory sequences that lead to the translation of a polypeptide or protein from said nucleic acid in a cell.

11. (Amended) The compound according to claim 1, wherein said compound comprises a protein.

Q1
cont.
10025367-1-1-1001

12. (Amended) The compound according to claim 11, wherein said protein is a derivative of members of the ELAV superfamily of proteins.

13. (Amended) The compound according to claim 12, wherein said protein is selected from the group consisting of ELAV, Hur, Hub, HuC, HuD, HuDpro, HuDmex, Hel-N2 and HuC isoforms, Rel-N1 and naturally occurring homologues of said proteins.

14. (Amended) The compound according to claim 11, wherein said protein is a derivative of a protein ligand to HuR.

15. (Amended) The compound according to claim 14, wherein said protein is selected from the group consisting of SET α , SET β , pp32 and APRIL and naturally occurring homologues of said proteins.

16. (Amended) A pharmaceutical composition comprising a compound according to claim 1.

17. (Amended) A method of treating or preventing disease involving the direct or indirect participation of Dendritic Cells (DC) comprising the administration of a pharmaceutical composition to a patient in need thereof comprising a compound according to claim 1.

18. (Amended) The method according to claim 17, wherein said disease involves the growth, differentiation and/or activation of cytotoxic T cells and helper T cells.

19. (Amended) The method according to claim 17, wherein said disease is selected from the group consisting of allergies, asthma, autoimmune syndromes such as myasthenia gravis, multiple sclerosis and systemic lupus erythematosus, skin diseases such as psoriasis, rheumatoid arthritis and AIDS.

20. (Amended) A method of treating or preventing rejection of a tissue or organ transplant comprising the administration of a pharmaceutical composition to a patient in need thereof comprising a compound according to claim 1.

27. (Amended) A method for screening and/or identifying compounds that block the binding between a member of the HuR family of proteins and a mRNA encoding a member of the CD83 family of proteins comprising the steps of incubating one or more compounds in a reaction comprising:

(a) a nucleic acid molecule that contains at least a portion of the coding region of a member of the CD83 family of proteins or a derivative thereof and;

(b) a member of the ELAV superfamily of proteins or derivative thereof under conditions sufficient to allow the components to interact and determining whether the compound blocks the binding between the nucleic acid molecule and the member of the ELAV superfamily of proteins.

28. (Amended) The method according to claim 27, wherein said member of the CD83 family of proteins is CD83.

29. (Amended) The method according to claim 28, wherein said member of the ELAV superfamily of proteins is selected from the group consisting of ELAV, HuR, HuB, HuC, HuD, HuDpro, HuDmex, Hel-N2 and HuC isoforms, Rel-N1 and naturally occurring homologues of these proteins.

30. (Amended) The method according to Claim 29, characterized in that said method is carried out in the form of an assay selected from the group consisting of RNA gel shift assay, filter binding assay, Biacore interaction analysis, Scintillation Proximity Assay, RNase protection assay, cell-based RNA binding assay, yeast 3-hybrid assays and reporter gene assay.

31. (Amended) A method for producing a pharmaceutical composition comprising a compound that blocks the binding between a member of the HuR family of proteins and a mRNA encoding a member of the CD83 family of proteins when incubated in a reaction comprising combining:

02
CD83
—
(a) a nucleic acid molecule that contains at least a portion of the coding region of a member of the CD83 family of proteins or a derivative thereof and

(b) a member of the ELAV superfamily of proteins or derivative thereof
under conditions sufficient to allow the components to interact, wherein said composition treats or prevents disease involving the direct or indirect participation of dendritic cells (DC).

Please add the following new claims:

10025367 "1.2.1.901
32. (New) The compound according to claim 2 wherein said compound contains a nucleic acid having a secondary structure comprising a 3-pronged stem-loop structure with an energy of -29.7 kcal/mol or less.

33. (New) The method according to claim 17, wherein said disease involves the differentiation of helper T cells into Th1 cells or Th2 cells.

03
34. (New) The method according to claim 17, wherein said disease involves the growth, stimulation and/or differentiation of B cells.